

High Mountain Dams in Bonneville Unit,
Pot Lake Dam
Wasatch National Forest
4.0 miles west of Trial Lake Campground
Kamas vicinity
Summit County
Utah

HAER No. UT-41-I

HAER
UTAH,
22 KAM.V,
1- I-

PHOTOGRAPHS

WRITTEN HISTORICAL AND DESCRIPTIVE DATA

Historic American Engineering Record
Rocky Mountain Regional Office
National Park Service
U.S. Department of the Interior
P.O. Box 25287
Denver, Colorado 80537

HISTORIC AMERICAN ENGINEERING RECORD

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HAER No. UT-41-I

Location: 4.0 miles west of Trial Lake Campground, Wasatch National Forest
Kamas vicinity, Summit County, Utah

UTM: 12.499430.4502330
Quad: Erickson Basin

Date of Construction: 1934

Builder/Designer: Provo Reservoir Company, Provo, Utah

Present Owner: Union Reservoir Company, Heber City, Utah 84032

Original Use: Dam

Present Use: Dam

Significance: Pot, Fire and Weir lakes, all built in 1934 by the Provo Reservoir Company, are indicative of the renewed local interest in reservoir-building sparked by the drought of 1931. They are historically significant as among the last examples of private reservoir construction in the Provo River drainage. The smallest of the dams in the Bonneville Unit, the Pot Lake Dam displays typical small-scale earth-fill construction. It stands today essentially unaltered and intact.

Inventoried by: Clayton Fraser and James Jurale
Fraserdesign
Loveland, Colorado

October 16, 1985

HISTORICAL INFORMATION

A picturesque body of water with a rocky shoreline dotted by scattered timber, Pot Lake at four acres is the smallest of the fifteen reservoir lakes at the headwater of the Provo River. Late in 1934, the Provo Reservoir Company applied for a special use permit to impound water on the lake for irrigation storage. In May 1935, the National Forest Service granted the permit. A small dam across the lake's natural outlet was constructed that year. Sixty feet long and only 8 feet high, the Pot Lake Dam consists of a clay core, covered with compacted earth fill and faced with hand-placed rock riprap. The outlet is a 12" diameter corrugated iron pipe with an inclined 10" Hardesty sliding headgate. It is proposed that the dam be removed entirely to return the lake to its natural level.

ARCHITECTURAL INFORMATION

Dam length: 60 feet
Dam height: 8 feet
Dam width: 12 feet
Construct: Earth fill dam with stone riprap facing
Lake size: 4.0 acres; 44 acre-foot maximum capacity; 3 vertical foot maximum drawdown
Outlet: Pipe with inclined gate

BIOGRAPHICAL INFORMATION

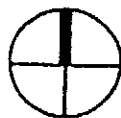
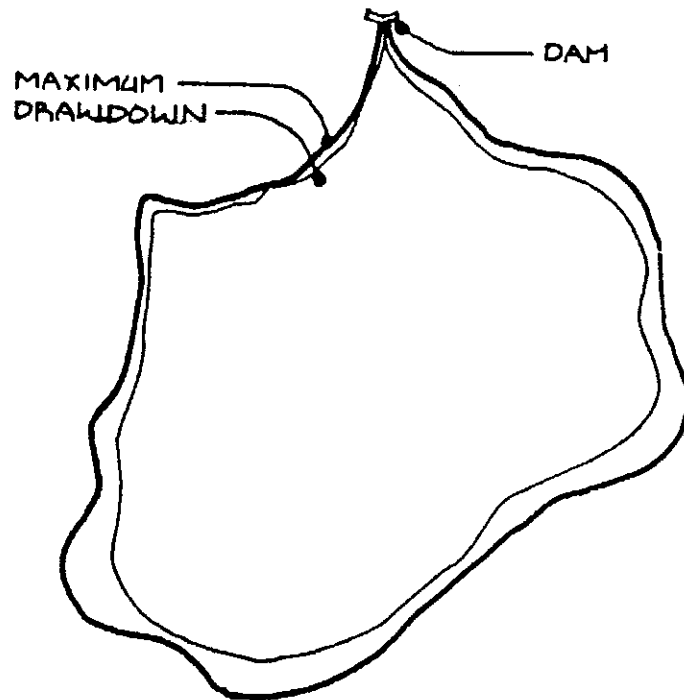
"Preliminary Engineering Report: Stabilization of High Mountain Lakes, Provo River Drainage, National Forest Service Report, 1969, page 46.

Pot Lake Reservoir File #16-F, Kamas Ranger Station, Wasatch National Forest Service, Kamas, Utah.

Field inspection by Clayton Fraser and James Jurale, October 16, 1985.

For additional information, see Irrigation Canals in the Uinta Basin, HAER No. UT-30.

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SCALE: 1" = 200'